

Claims

1. (Currently amended) A system for displaying information in correct format ~~from a sender of the information in a telecommunications system~~, the system comprising:

a receiving point for receiving ~~from a sending unit the~~ information about a call originating from a first device ~~which it is desired to display on a receiving unit, wherein the information may not be in a format that is recognizable by the receiving unit;~~

a computer processor in communication with the receiving point for determining whether the received information is in a format recognizable for correct display ~~by the receiving unit~~ a second device, wherein the determining is based at least in part on consideration of display characteristics of the second device; and

an algorithm engine in communication with the computer processor for ~~generating a correct format for~~ selectively adjusting the received information based at least in part on the display characteristics of the second device, whereby when the computer processor determines that the received information is not in ~~a correct~~ the recognizable format, the algorithm engine ~~formats~~ adjusts the received information to the ~~correct~~ recognizable format ~~for the receiving unit~~ and the receiving point forwards the correctly formatted information to the ~~receiving unit~~ second device.

2. (Original) The system recited in claim 1, wherein the receiving point comprises a database.

3. (Original) The system recited in claim 1, wherein the receiving point comprises a cache memory.

4. (Currently amended) The system recited in claim 1, further comprising a transceiver for receiving the information ~~from the sender~~.

5. (Original) The system recited in claim 4, wherein the information comprises a phone number.

6. (Currently amended) A method for displaying information on a display in a correct format for a call between first and second devices, comprising the steps of:

receiving ~~the~~ information and determining whether the information is in a format recognizable ~~by the~~ for correct display by the second device, wherein the information comprises a phone number associated with the first device, and wherein the determining is based at least in part on consideration of display characteristics of the second device;

searching a set of algorithms for a correct display format if it is determined that the information is not in ~~the correct format for the display~~ the recognizable format;

formatting the information in the correct display format as determined by the searching step; and

forwarding the correctly formatted information to the ~~display~~ second device for display in the correct display format.

7. (Currently amended) The method recited in claim 6, further comprising the step of sending a message to a ~~process or~~ processor if it is determined that the information is not in ~~[[a]] the recognizable format recognizable by the display.~~

8. (Canceled)

9. (Currently amended) The method recited in claim ~~[[8]]~~ 6, wherein the formatting step further comprises reading a sender identification type ~~[[of]]~~ associated with the phone number.

10. (Original) The method recited in claim 9, wherein the searching step further comprises matching the sender identification type with an algorithm in the set of algorithms.

11. (Currently amended) The method recited in claim 10, further comprising the step of displaying the phone number ~~on the display by the second~~ device if it is determined by the receiving step that the phone number is in ~~[[a]]~~ the recognizable format ~~recognizable by the display.~~

12. (New) In a computer system, a computer-implemented method comprising:

receiving information about a call originating from a first device;
evaluating display correctness for display of the information by a second device, wherein the evaluating depends at least in part on display characteristics of the second device;
if necessary to correct the display of the information by the second device, adjusting the information based at least in part on the display characteristics of the second device; and
forwarding the information to the second device.

13. (New) A computer-readable medium storing computer-executable instructions for causing the computer system to perform the method of claim 12.

14. (New) The method of claim 12 wherein the information includes a phone number associated with the first device.

15. (New) The method of claim 14 wherein the information further includes a name associated with the phone number.

16. (New) The method of claim 12 wherein the adjusting is further based at least in part on device characteristics of the first device.

17. (New) The method of claim 12 wherein the computer system is a node of a telecommunications network.

18. (New) The method of claim 12 wherein the first and second devices are mobile telephones.

19. (New) The method of claim 12 wherein the first device does not specify to the computer system any device characteristics of the second device.

20. (New) The system recited in claim 5, wherein the information further comprises a name associated with the phone number.

21. (New) The system recited in claim 1, wherein the first and second devices are mobile telephones.

22. (New) The system recited in claim 1, wherein the first device does not specify to the system any device characteristics of the second device.

23. (New) A computer-readable medium storing computer-executable instructions for causing a computer system programmed thereby to perform the method recited in claim 6.

24. (New) The method recited in claim 6, wherein the information further comprises a name associated with the phone number. ✓

25. (New) The method recited in claim 6, wherein the first and second devices are mobile telephones.

26. (New) The method recited in claim 6, wherein the first device does not specify for the determining, searching, or formatting any device characteristics of the second device.
